N THE INSTED STATES PATENT AND TRADEMARK OFFICE

In re Application of:

ATTY'S DKT: BARENHOLZ1

BARENHOLZ et al.

H. 1 /5400

Appln. No.: 09/780,757

Washington, D.C.

pedaram 2/19/02

Filed: February 8, 2001

March 11, 2002

For: DETECTION OF BINDING ...

Conf. No. 6619

SUBMISSION OF SUPPLEMENTAL/SUBSTITUTE DECLARATION

Honorable Commissioner of Patents Washington D.C. 20231

Sir:

Attached herewith please find a newly executed combined declaration/power of attorney to be substituted for the originally submitted declaration/power of attorney for the above-identified application.

It is respectfully requested that this document be entered into the record of the above-identified application.

BROWDY AND NEIMARK, P.L.L.C. Attorneys for Applicant

Anne M. Kornbau

Registration No. 25,884

AMK:edg

Telephone No.: (202) 628-5197
Facsimile No.: (202) 737-3528
F:\,C\cohn\Barenholz 1\Pto\submissionofdec.doc

(PCT) application, PCT/; filled	im) of the
My residence, post office address and citizenship are as stated below next to my name; and that I believe I am the original and solis inventor (if plural names are listed below) or an original, first and joint inventor (if plural names are listed below) or an original, first and joint inventor (if plural names are listed below) or an original, first and joint inventor (if plural names are listed below). **PRETECTION OF BINDING OF CHARGED SPECIES USING PM-OR POTENTIAL-SENSITIVE PROBES is apacification of which (check one) is attached hereto; was filed in the United States under 35 U.S.C. §111 on February 8, 2001, as U.S. Applin No. 99/780/757° or was/will be filed in the U.S. under 35 U.S.C. §371 by entry into the U.S. national stage of an into (PCT) application, PCTV.; filed entry requested on received U.S. Applin No. 5; §371/3102(c) date (* if known) and was amended on (if applicable). (if applicable). (include dates of amendments under FCT Art. 19 and 34 if PCT) i have reviewed and understand the contents of the above-identified specification, including the claims, as amendate amendment referred to above; and I salmowledge the duty to disclose to the Petent and Trademark Office (PTO) all influence by me to be material to patentability as defined in 37 C.F.R. §1.56. I hereby claim foreign priority benefits under 35 U.S.C. §§ 119 (a)-(d) and 365 (b) of any ptior foreign application which designated at least one other than the U.S., listed below: Application No. Country Filing Date (MM/DD/TYYY) ** If I claimed foreign priority above, I hereby identify below any foreign application for patent preceder's certificate, having date before that of the earliest application from which foreign priority is claimed (if left blank, then there are none):	in) of the
My residence, post office address and citizenship are as stated below next to my name; and that I believe I am the original and sola inventor (if plural names are listed below) or an original, first and joint inventor (if plural names are listed below) or an original, first and joint inventor (if plural names are listed below) or an original, first and joint inventor (if plural names are listed below). PETECTION OF GINDING OF CHARGED SPECIES USING PM-OR POTENTIAL-SENSITIVE PROBES by specification of which (check one) is attached hereto; was filed in the United States under 35 U.S.C. §111 on February 8, 2001, as U.S. Applin No. 99/780/757° or was/will be filed in the U.S. under 35 U.S.C. §371 by entry into the U.S. national stage of an interference of the filed in the U.S. under 35 U.S.C. §371 by entry into the U.S. national stage of an interference of the filed of the U.S. under 35 U.S.C. §371/3102(c) date	in) of the
is strached hereto; was filed in the United States under 35 U.S.C. \$111 on February 8, 2001, as U.S. Apple. No. 99/780.757*; or was/will be filed in the U.S. under 35 U.S.C. \$371 by entry into the U.S. national stage of an internation of the U.S. national stage of an internation of the U.S. application. PCU/; filed	
is attached hereto; was filed in the United States under 35 U.S.C. §111 on February 8, 2001, as U.S. Applin. No. 09/780.757°; or was/will be filed in the U.S. under 35 U.S.C. §371 by emry into the U.S. national stage of an inte (PCT) application, PCT/; filed entry requested on*; pational stage up received U.S. Applin. No*; §371/§102(e) date* (* if known) and was amended on (if applicable). (include dates of anondments under FCT art. 19 and 34 (FCT) i have reviewed and understand the contents of the above-identified specification, including the claims, as amended amendment referred to above; and I acknowledge the duty to disclose to the Patent and Trademark Office (FTO) all inf known by me to be material to patentability as defined in 37 C.P. § 1.5 (a) of any prior foreign application(s) for inventor's or plant breeder's rights cartificate(s), or under §365(a) of any PCT application which designated at least one other than the U.S., listed below: Application No. Country Filing Date (MM/DD/TYYY) If I claimed foreign priority above, I hereby identify below any foreign application for patent (including an internation application designating a country other finan the United States) or for an inventor's or plant breeder's certificate, having date before that of the cartiest application from which foreign priority is claimed (if left blank, then there are none):	7
(PCT) application, PCT/; filed, entry requested on*; pational stage application and was amended on(if applicable). (if applicable). (include dates of amendments under PCT Art. 19 and 14 (PCT) i have reviewed and understand the contents of the above-identified specification, including the claims, as amended amendment referred to above; and I asknowledge the duty to disclose to the Patent and Trademark Office (PTO) all informable material to patentability as defined in 37 C.F.R. §1.56. I hereby claim foreign priority benefits under 35 U.S.C. §§ 119 (a)-(d) and 365 (b) of any prior foreign application(s) for inventor's or plant breeder's rights cartificate(s), or under §365(a) of any PCT application which designated at least one other than the U.S., listed below: Application No. Country Piling Date (MM/DD/TYYY) If I claimed foreign priority above, I hereby identify below any foreign application for patent (including an internation application designating a country other than the United States) or for an inventor's or plant breeder's certificate, having date information that of the earliest application from which foreign priority is claimed (if left plank, then there are none):	
(PCT) application, PCT/; filed, entry requested on*; pational stage application and was amended on(if applicable). (if applicable). (include dates of amendments under PCT Art. 19 and 14 (PCT) i have reviewed and understand the contents of the above-identified specification, including the claims, as amended amendment referred to above; and I asknowledge the duty to disclose to the Patent and Trademark Office (PTO) all informable material to patentability as defined in 37 C.F.R. §1.56. I hereby claim foreign priority benefits under 35 U.S.C. §§ 119 (a)-(d) and 365 (b) of any prior foreign application(s) for inventor's or plant breeder's rights cartificate(s), or under §365(a) of any PCT application which designated at least one other than the U.S., listed below: Application No. Country Piling Date (MM/DD/TYYY) If I claimed foreign priority above, I hereby identify below any foreign application for patent (including an internation application designating a country other than the United States) or for an inventor's or plant breeder's certificate, having date information that of the earliest application from which foreign priority is claimed (if left plank, then there are none):	
(PCT) application, PCT/; filled	
(PCT) application, PCT/	mational
i large reviewed and understand the contents of the above-identified specification, including the claims, as amended amendment referred to above; and I selenowiedge the duty to disclose to the Patent and Trademark Office (PTO) all inflations by me to be material to patentability as defined in 37 C.F.R. §1.56. I hereby claim foreign priority benefits under 35 U.S.C. §§ 119 (a)-(d) and 365 (b) of any prior foreign application(s) for inventor's or plant breeder's rights cartificate(s), or under §365(a) of any PCT application which designated at least one other than the U.S., listed below: Application No. Country Filing Date (MM/DD/TYYY) If I elaimed foreign priority above, I hereby identify below any foreign application for patent (including an internation application designating a country other than the United States) or for an inventor's or plant breeder's certificate, having date before that of the earliest application from which foreign priority is claimed (if left blank, then there are none):	
i have reviewed and understand the contents of the above-identified specification, including the claims, as amended amendment referred to above; and I asknowledge the duty to disclose to the Patent and Trademark Office (PTO) all infigured by me to be material to patentability as defined in 37 C.F.R. §1.56. I hereby claim foreign priority benefits under 35 U.S.C. §§ 119 (a)-(d) and 365 (b) of any prior foreign application(s) for inventor's or plant breeder's rights cartificate(s), or under §365(a) of any PCT application which designated at least one other than the U.S., listed below: Application No. Country Filing Dea: (MM/DD/YYYY) If I claimed foreign priority above, I hereby identify below any foreign application for patent (including an internation application designating a country other than the United States) or for an inventor's or plant breeder's certificate, baving date before that of the earliest application from which foreign priority is claimed (if left blank, then there are none):	
amendment referred to above; and I asknowledge the duty to disclose to the Patent and Trademark Office (PTO) all infigurous by me to be material to patentability as defined in 37 C.F.R. §1.56. I hereby claim foreign priority benefits under 35 U.S.C. §§ 119 (a)-(d) and 365 (b) of any prior foreign application(s) for inventor's or plant breeder's rights cardificate(s), or under §365(a) of any PCI application which designated at least one other than the U.S., listed below: Application No. Country Filing Date (MM/DD/YYYY) If I claimed foreign priority above, I hereby identify below any foreign application for patent (including an internation application designating a country other from the United States) or for an inventor's or plant breeder's certificate, having date before that of the earliest application from which foreign priority is claimed (if left plank, then there are none):	
inventor's or plant breeder's rights cartificate(s), or under \$365(a) of any PCT application which designated at least one other than the U.S., listed below: Application No. Country Filing Date (MM/DD/TYYY) If I claimed foreign priority above, I hereby identify below any foreign application for patent (including an internation application designating a country other than the United States) or for an inventor's or plant breeder's certificate, having date before that of the earliest application from which foreign priority is claimed (if left blank, then there are none):	- '
If I claimed foreign priority above, I hereby identify below any foreign application for patent (including an internation application designating a country other than the United States) or for an inventor's or plant breeder's certificate, having date before that of the earliest application from which foreign priority is claimed (if left blank, then there are none):	
application designating a country other than the United States) or for an inventor's or plant breeder's certificate, having date before that of the earliest application from which foreign priority is claimed (if left blank, then there are none):	
application designating a country other than the United States) or for an inventor's or plant breeder's certificate, having date before that of the earliest application from which foreign priority is claimed (if left blank, then there are none):	•
application designating a country other than the United States) or for an inventor's or plant breeder's certificate, having date before that of the earliest application from which foreign priority is claimed (if left blank, then there are none):	
Was Time with American him Property States And Anti-	al (PCT) g a filing
Mon-Priority Application No. Country Filing Date (MANDONYYYY)	
I hereby elaim the benefit under 35 U.S.C. § 119(c) of any United States provisional applications listed below:	
Application No. Fling Date (MM/DD/YYYY)	
60/181,693 02/10/2000	
I hereby claim the benefit under 35 U.S.C. § 120 of any prior U.S. non-provisional application(s) or under §365(c) of a PCT international application(s) designating the U.S., listed below and, insofar as the subject matter of each of the claim application is not disclosed in such U.S. or PCT international application in the matter provided by the first paragraph U.S.C. § 1.2, I acknowledge the duty to disclose to the PTO all information which is material to parametriality as defined. F.R. § 1.56 which became available between the filing date of the prior application and the national or PCT internation date of this application:	ns of this phof 35 and in 37
Application No. Filing Date (MM/DD/YYYY) Status (patented, pending, abandoned)	

As a named inventor, I hereby appoint the following registered practitioners to prosecute this application and to transact till business in the Patent and Trademark Office connected therewith:

All of the practitioners associated with Customer Number 001444

Direct all correspondence to the address associated with Customer Number 001444, which is presently:

BROWDY AND NEIMARK, P.L.L.C. 624 Ninth Street, N.W. Washington, D.C. 20001-5383 (202) 628-5197

Page 2 of 2 Pages

Atty, Docket: : BARENHOLZ-I

U.S. Application filed February 8, 2001 PCT Application filed	, Serial No. <u>99/780.757</u> _, Serial No		
The undersigned hereby authorizes the U.S. Attorneys or Reinhold Cohn and Partners as to any action to be tak without direct communication between the U.S. Attorneys from whom instructions may be taken, the U.S. Attorneys	con in the U.S. Papent and Trade is or Agents and the undersigned.	mark Office regi In the event of a	arding this applicati tchange of the perso
I hereby further desiare that all statements made herein or and belief are helicved to be true; and that these statement so made are punishable by fine or imprisonment, or be	ts were made with the knowledge oth, under 18 U.S.C. §1001 and	that willful false	statoments and the li
jeopardize the validity of the application or any patent is:	rued thereon.	. 0	
FULL NAME OF FIRST INVENTOR	INVENTOR'S SIGNATURA		DATE
BARENHOLZ, Yochezkei	Vechence B.	mo	09.01.200
RESIDENCE		CITIZENSHI	· · · · · · · · · · · · · · · · · · ·
18 Nave Shagnan Street; Jerusalem 93707; Israel		Israeli	
POST OFFICE ADDRESS	en er eine falle falle falle falle falle en er	THE RESIDENCE OF THE PARTY OF T	
18 Nave Shaanan Street; Jerusalem 93707; Israel			
FULL NAME OF SECOND INVENTOR	INVENTOR'S SIGNATURE		DATE
HIRSCH-LERNER, Danielle	Right		09.1.2002
RESIDENCE		CITIZENSHIP	THE PERSON NAMED IN COLUMN TWO IS NOT THE OWNER.
34 Harakevet Street; Jerusalem 93146; Israel		Israeli	
POST OFFICE ADDRESS		A STATE OF THE PROPERTY OF THE	MX TO THE RESIDENCE OF THE PROPERTY OF THE PRO
34 Harakevet Street; Jorusalem, 93146; Israel			
FULL NAME OF THIRD INVENTOR	INVENTOR'S SIGNATURE		DATE
COHEN, Rivka	QUILE-		9.1.2002
RESIDENCE	The state of the s	CITTEENSHIP	500 To 100 To 10
44/2 Harayal Spreet; Jorusalem 92341; Israel		Israeli	
POST OFFICE ADDRESS		From the second	
44/2 Ha-ayal Street; Jerusalem 92341; Israel	•		
FULL NAME OF FOURTH INVENTOR	INVENTOR'S SIGNATURE		DATE
	1 ''		
DAGAN, Arie	Arie Dagan	~ Y 75 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7	8.1.2m2
RESIDENCE	- V	CITIZENSHIP	
13 Harlap Street; Jerusalem 92341; Israel		Israeli	
POST OFFICE ADDRESS			
13 Harlap Street; Jerusalem 92341; Israel	AND STATE OF THE S		
FULL NAME OF FIFTH INVENTOR	INVENTOR'S SIGNATURE		DATE
GATT, Shimon	2. Mims GNT		9,1,2002
RESIDENCE	\sim () \sim	CITIZENSHIP	
i i Bartsourz Street; Jerusaiem 92104		Israeli	
POST OFFICE ADDRESS		,	
(1 Barranura Street; Jerusalem 92104			
full name of sixth inventor	INVENTOR'S SIGNATURE		DATE
		AND IN THE STATE OF THE STATE O	
RESIDENCE		CITIZENSHIP	<u>.</u>
POST OFFICE ADDRESS	A NEW PROPERTY AND		A CONTRACTOR OF THE PARTY OF TH
			<u> </u>

Title: DETECTION OF BINDING OF CHARGED SPECIES USING PH-OR POTENTIAL-SENSITIVE PROBES

all riventore must beview addlication and disclaration before bigning. All alterations must be intraced and dated by all inventors indicated to execution. No alterations can be made after the declaration is signed. All pacific or declaration is signed. All pacific despites the series by all inventors.